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	Application Number		09909784	
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INFORMATION DISCLOSURE	First Named Inventor Dale L		L. BARTHOLOMEW, et al.	
(Not for submission under 37 CFR 1.99)	Art Unit		2419	
(Not for Submission under 67 of K 1.55)	Examiner Name	Duc T	. Duong	
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	1	5436963		1995-07-25	Fitzpatrick et al.			
	2	5440563		1995-08-08	Isidoro et al.			
	3	5440620		1995-08-08	Slusky			
	4	5448633		1995-09-05	Jamaleddin et al.			
	5	5450411		1995-09-12	Heil			
	6	5452289		1995-09-19	Sharma et al.			
	7	5452350		1995-09-19	Reynolds et al.			
	8	5455821		1995-10-03	Schaeffer et al.			

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Attorney Docket Number		VF22 20 CON		

9	5459775	1995-10-17	Isono et al.	
10	5461611	1995-10-24	Drak et al.	
11	5463677	1995-10-31	Bash et al.	
12	5469496	1995-11-21	Emery et al.	
13	5473608	1995-12-05	Gagne et al.	
14	5475817	1995-12-12	Waldo et al.	
15	5477531	1995-12-19	McKee et al.	
16	5483586	1996-01-09	Sussman	
17	5495521	1996-02-27	Rangachar	
18	5500889	1996-03-19	Baker et al.	
19	5511111	1996-04-23	Serbetcioglu et al.	

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20	5513127	1996-04-30	Gard et al.	
21	5521719	1996-05-28	Yamada	
22	5521924	1996-05-28	Kakuma et al.	
23	5524137	1996-06-04	Rhee	
24	5526416	1996-06-11	Dezonno et al.	
25	5530744	1996-06-25	Charalambous et al.	
26	5530852	1996-06-25	Mesk et al.	
27	5539884	1996-07-23	Robrock, II	
28	5539886	1996-07-23	Aldred et al.	
29	5541917	1996-07-30	Farris	
30	5541927	1996-07-30	Kristol et al.	

Application Number		09909784		
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Attorney Docket Number		VE22 20 CON		

31	5541930	1996-07-30	Klingman	
32	5551025	1996-08-27	O'Reilly et al.	
33	5551035	1996-08-27	Arnold et al.	
34	5559721	1996-09-24	Ishii	
35	5561670	1996-10-01	Hoffert et al.	
36	5563882	1996-10-08	Bruno et al.	
37	5579472	1996-11-26	Keywort et al.	
38	5586177	1996-12-17	Farris et al.	
39	5590127	1996-12-31	Bales et al.	
40	5594769	1997-01-14	Pellegrino et al.	
41	5594789	1997-01-14	Seazholtz et al.	

Application Number		09909784		
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Examiner Name	Duc T	. Duong		
Attorney Docket Numb	er	VE22.20 CON		

	42	5603085		1997-02-11	Shedlo	
	43	5604682		1997-02-18	McLaughlin et al.	
	44	5610972		1997-03-11	Emery et al.	
	45	5610976		1997-03-11	Uota et al.	
	46	5617422		1997-04-01	Litzenberger et al.	
	47	5617540		1997-04-01	Civanlar et al.	
	48	5619555		1997-04-08	Fenton et al.	
	49	5619557		1997-04-08	Van Berkum	
	50	5619562		1997-04-08	Maurer et al.	
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	1	Haley, James E., "Pay-per-call blocking using LIDB," AIN Service Description, Bell Atlantic Easy Number Call Routing Service, October 1996.										
	2	American National Standard for Telecommunications - Signalling System Number 7 (SS7) - Signalling Connection Control Part (SCCP), American National Standards Institue, Inc., ANSITI.112-1992, October 26, 1992.										
	3	American National Standard for Telecommunications - Signalling System Number 7 (SS7) - Message Transfer Part (MTP), American National Standards Institue, Inc., March 14, 1996.										
	4	American National Stand Control Part (SCCP), An								inection		
	5	Gasman, Lawrence, "Bro	oadband	networkir	ng," Van	Nostrand Reinh	nold, June 13, 1994.					

Application Number		09909784
Filing Date		2001-07-23
First Named Inventor Dale I		L. BARTHOLOMEW, et al.
Art Unit		2419
Examiner Name Duc T		. Duong
Attorney Docket Number		VE22.20 CON

6	Balkovich, Ed, et al., "Project clarity: First internal trial," Readiness Review, Bell Atlantic Confidential and proprietary, July 21, 1997.	
7	Grigonis, Richard "Zippy," "Computer telephony over the internet," CT and the 'Net, March 1996.	
8	Park, Myung Ah, et al., "Dial-up internet access service system with automatic billing mechanism," ICICS 1997, Electronics .and. Telecommunications Research Institute, p.p. 148-151, Singapore, 9-12 September 1997.	
9	El-Gendy, Hazem, et al., "Computer-supported routing for intelligent networks and personalized wired communications," ICCS 1994, p.p. 1027-1033, August 1994.	
10	"Audio and video over the internet," CT and the 'Net, March 1996.	
11	Malamud, Carl, et al., "Internet talk radio: Geek of the week," Mobile IP Networking, O'Reilly .and. Associates, Inc., transcript of interview, November 1993.	
12	McConnell, Brian, "How to build an internet PBX," Pacific Telephony Design, http://www.phonezone.com/ip-phone.htm, p.p. 1-9, October 28, 1996.	
13	Sears, Andrew, "Innovations in Internet Telephony: The Internet as the Competitor to the POTS Network," Innovation in Internet Telephony: The Internet as the Successor to the POTS Network, p.p. 1-6, February 28, 1996.	
14	"Supercharging the web with computer telephony," CT and the 'Net, March 1996.	
15	Anand, Surinder S., et al., "Accounting architecture for cellular networks," ICPWC '96, IEEE, p.p. 184-189, 1996.	
16	Karttunen, Jari, et al., "Cost structure analysis and reference model for SCALEABLE network services," The Institution of Electrical Engineers, p.p. 1-9, 1996.	

Application Number		09909784
Filing Date		2001-07-23
First Named Inventor Dale L		L. BARTHOLOMEW, et al.
Art Unit		2419
Examiner Name	Duc T	. Duong
Attorney Docket Number		VE22.20 CON

17	Jennings, Barbara J., "End-User Requirements for High-Integrity Directory," Sandia National Laboratories, Albuquerque, IEEE, p.p. 1793-1796, 1996.	
18	Botvich, D., et al., "On Charging for Internet Services provided over an A.TIVI network," IEEE, p.p. 669-679, 1997.	
19	Estrin, Deborah, et al., "Design Considerations for Usage Accounting and Feedback In Internetworks," downloaded, August 19, 2008.	
20	Li, Chung-Sheng, et al., ""Time-driven Priority" Flow Control for Real-time Heterogeneous Internetworking," IBM T. J. Watson .and.esearch Center, IEEE, p.p. 189-197, 1996.	
21	Edell, RJ., et al., "Billing users and pricing for TCP," IEEE Journal on Selected Areas in Communications, Vol. 13, Issue 7, p.p. 1162-1175, September 1995.	
22	Margulies, Ed, "CT's CYBERDATE WITH THE 'NET," Computer Telephony Periscope, p.p. 28-29, August 1996.	
23	Inamori, Hisayoshi, et al., "Common Software Platform for Realizing a Strategy for Introducing the TMN," Network Operations and Management Symposium, Vol. 2, p.p. 579-589, February 1998.	
24	Rajan, R., et al., "A policy framework for integrated and differentiated services inthe Internet," Network, IEEE, Vol. 13, Issue 5, p.p. 36-41, Sep/Oct 1999.	
25	Louth, Nick, "MCI Communications Corp. vaults phone-data divide," Reuters Limited, News article, January 29, 1998.	
26	Eriksson, Hans, "MBONE: The Multicast Backbone," file:IIICI/Documents%20and%20Settings/ralbertJDesktopIMBONE%20The%20Multicast%20Backbone.htm (1 of 13)3/7/2008 4:06: 17 PM	
27	Macedonia, Michael R., et al., "MBone Provides Audio and Video Across the Internet," file:///CI/Documents%20and%20Settings/ralbert/Deskt20Audio%20and%20Video%20Across%20the% 20Internet.htm (1 of 13) 3/10/2008 9: 34:00 AM	

Application Number		09909784
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First Named Inventor Dale I		L. BARTHOLOMEW, et al.
Art Unit		2419
Examiner Name Duc T		. Duong
Attorney Docket Number		VE22.20 CON

28	Lapolla, Stephanie, "Net call centers, voice to merge," News, PC Week, March 31, 1997.	
29	Bohn, Roger, et al., "Mitigating the coming Internet crunch: multiple service levels via precedence," San Diego Supercomputer Center, March 22, 1994.	
30	Weiss, W., "QoS with differentiated services," Bell Labs Technical Journal Vol. 3, No. 4, p.p. 48-62, OctDec. 1998.	
31	Hartanto, Felix, et al., "POLICY-BASED BILLING ARCHITECTURE FOR INTERNET DIFFERENTIATED SERVICES," Proceedings of IFIP Fifth International Conference on Broadband Communications (BC '99), Hong Kong, 10-12 November 1999.	
32	Mahadevan, I., et al., "Parallel Architectures, Algorithms, and Networks," (I-SPAN '99) Proceedings. Fourth InternationalSymposium, p.p. 420-425, June 23-25, 1999.	
33	Schulzrinne, H., et al., "A Transport Protocol for Real-Time Applications," Network Working Group, Audio-Video Transport Working Group, p.p. 1-151, March 10, 2008.	
34	Schulzrinne, H., "RTP Profile for Audio and Video Conferences with Minimal Control," Network Working Group, Audio-Video Transport Working Group, p.p. 1-18, January 1996.	
35	Kim, Gary, "Talk is cheap voice over the internet," America's Network, p.p. 34-39, July 15, 1996.	
36	Newton, Harry, "Notes from the field: The personal side of CT," 12 Computer Telephony, January 1997.	
37	Venditto, Gus, "Internet phones the future is calling," Internet World Magazine, June 1996.	
38	Crowcroft, Jon, et al., "Pricing internet services," Department of Computer Science, UCL, Gower Street, LONDON, UK, p.p. 1-16, downloaded, August 19, 2008.	

Application Number		09909784
Filing Date		2001-07-23
First Named Inventor Dale I		L. BARTHOLOMEW, et al.
Art Unit		2419
Examiner Name	Duc T	. Duong
Attorney Docket Number		VE22.20 CON

39	Newton, Harry, "TELEPHONY MESSAGING ON THE INTERNET," http://www.dialogweb.com/cgi/dwclient? req=1205770063076 (1 of 5) 3/17/2008 12:08:09 PM	
40	Maruyama, Katsumi, et al., "A Concurrent Object-Oriented Switching Program in Chill," 2460 IEEE Communications Magazine, 29(1991) January, No.1, p.p. 60-68, New York.	
41	Rajkumar, R., et al., "A resource allocation model for QoS management," Proceedings. The 18th IEEE Real-Time Systems Symposium (Cat.No.97CB36172) p.298-307, Dec. 2-5, 1997.	
42	Weinrib, A., et al., "Decentralized resource allocation for distributed systems," IEEE INFOCOM '87. The Conference on Computer Communications. Proceedings. Sixth Annual Conference - Global Networks: Concept to Realization (Cat. No.87CH2412-5) p.328-36, M	
43	Shabana, Mohamed, et al., "Intelligent switch architecture," 8081 Proceedings of the National Communications Forum 42 (1988) September 30, No. 2, Chicago, Il., p.p. 1312-1319.	
44	Nagarajan, Ramesh, et al., "Local Allocation of End-to-End Quality-of-Service in High-Speed Networks," National Research Foundation under grant NCR-9116183 and the Defense Advanced Projects Research Agency under contract NAG2-578, p.p. 1-28, downloaded, A	
45	Elixmann, Martin, et al., "Open Switching - Extending Control Architectures to Facilitate Applications," ISS Symposium, p.p. 239-243, April 23, 1995.	
46	Chandra, P., et al., "Network support for application-oriented QoS," (IWQoS 98) 1998 Sixth International Workshop on Quality of Service, p.p. 187-195, May 18-20, 1998.	
47	Klein, Rachelle S., et al., "MINIMAX RESOURCE ALLOCATION WITH TREE STRUCTURED SUBSTITUTABLE RESOURCES,"Operations Research, Vol. 39, No.2, p.p. 285-295, March-April 1991.	
48	Nyong, D., et al., "Resource based policies for design of interworking heterogeneous service networks," Interoperable Communications Networks, Vol.1, Nos. 2-4, p.p. 571-80, 1998.	
49	Kabay, S., et al., "The service node-an advanced IN services element," 8438 BT Technology Journal Vol. 13 (1995) April, No. 2, p.p. 64-72.	
 -		

Application Number		09909784
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First Named Inventor Dale L		L. BARTHOLOMEW, et al.
Art Unit		2419
Examiner Name Duc T		. Duong
Attorney Docket Number		VE22.20 CON

	50	,	r, Robert L., et al., "Service Net-2000: An intelligent network evolu) Summer, No. 3/4, p.p. 99-110, Short Hills, NJ.	tion," 8010 At.and.T Te	echnical Journal 70	
If you wis	h to ac	ld add	litional non-patent literature document citation information p	lease click the Add b	outton Add	
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